

Abstract

2 Role based authorization in a service control manager (SCM) module may allow a system
3 administrator to delegate responsibility to other users by assigning tool based roles to these users on
4 some system so they have full access to such system. To ensure system security, after receiving a
5 request from a user to run a tool on a set of target nodes, an SCM security manager may need to check
6 whether the user is authorized to run the tool on the target nodes. For every target node requested, the
7 security manager may need to check whether the user is authorized on the node, and whether the user
8 is authorized for one of the tool's enabled roles on the node. If the user is not authorized on each of
9 the nodes requested, or is not authorized for any of the tool's enabled roles, the tool is not runnable by
10 the user.